

ABSTRACT

Data transfer system of the present invention examines TV video signal for unused bandwidth. Data signals are inserted into TV video signal when unused bandwidth is found. The resulting video signal is still used for TV display without sacrificing video quality. These data transfer methods provide an alternative high-bandwidth data path to Internet. It will satisfy the bandwidth requirement for many applications without any changes to existing system. The system requires little resource to implement. It is the most cost efficient method to solve the bandwidth problem, and the system can be established in a short time.

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